

2.1.5 2008 Residential Energy End-Use Splits, by Fuel Type (Quadrillion Btu)

	Natural	Fuel		Other	Renw.	Site	Site			Primary	Primary	
	Gas	Oil	LPG	Fuel(1)	En.(2)	Electric	Total	Percent	Electric (3)	Total	Percent	
Space Heating (4)	3.40	0.56	0.26	0.03	0.45	0.43	5.12	45.0%	1.35	6.04	28.1%	
Space Cooling	0.00					0.97	0.97	8.5%	3.07	3.07	14.3%	
Water Heating	1.33	0.11	0.09		0.00	0.48	2.00	17.6%	1.50	3.03	14.1%	
Lighting						0.74	0.74	6.5%	2.34	2.34	10.9%	
Electronics (5)						0.54	0.54	4.7%	1.70	1.70	7.9%	
Refrigeration (6)						0.45	0.45	4.0%	1.43	1.43	6.7%	
Wet Cleaning (7)	0.05					0.31	0.37	3.2%	0.99	1.04	4.8%	
Cooking	0.22		0.03			0.23	0.48	4.2%	0.73	0.98	4.5%	
Computers						0.17	0.17	1.5%	0.55	0.55	2.5%	
Other (8)	0.00		0.14		0.00	0.19	0.34	3.0%	0.61	0.76	3.5%	
Adjust to SEDS (9)						0.19	0.19	1.7%	0.60	0.60	2.8%	
Total	5.00	0.66	0.52	0.03	0.45	4.71	11.37	100%	14.88	21.54	100%	

Note(s): 1) Kerosene and coal are assumed attributable to space heating. 2) Comprised of wood space heating (0.44 quad), solar water heating (less than 0.01 quad), geothermal space heating (less than 0.01 quad), and solar PV (less than 0.01 quad). 3) Site-to-source electricity conversion (due to generation and transmission losses) = 3.16. 4) Includes furnace fans (0.14 quad). 5) Includes color television (0.33 quad). 6) Includes refrigerators (1.32 quad) and freezers (0.42 quad). 7) Includes clothes washers (0.03 quad), natural gas clothes dryers (0.05 quad), electric clothes dryers (0.19 quad), and dishwashers (0.09 quad). Does not include water heating energy. 8) Includes small electric devices, heating elements, motors, swimming pool heaters, hot tub heaters, outdoor grills, and natural gas outdoor lighting. 9) Energy adjustment EIA uses to relieve discrepancies between data sources. Energy attributable to the residential buildings sector, but not directly to specific end-uses.

Source(s): EIA, Annual Energy Outlook 2011 Early Release, Dec. 2010, Table A2, p. 2-5, Table A4, p. 9-12 and Table A17, p. 34-35; and BTS/A.D. Little, Electricity Consumption by Small End-Uses in Residential Buildings, Aug. 1998, Appendix A, for residential electric end-uses.